Pursuant to the authority vested in the Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapter 2; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Order G-02-003;

IT IS ORDERED AND RESOLVED: That the engine and emission control systems produced by the manufacturer are certified for use as a replacement engine in two-wheeled motorcycles as described below. Production engines shall be in all material respects identical to those for which certification is granted.

MODEL YEAR	ENGINE FAMILY	EVAPORATIVE FAMILY	ENGINE DISPLACEMENTS (cc)	CLASS
2007	7SSXC0124309	7SSXE0066161	2026, 1916, 1807	III
SPECIAL	FEATURES &	ENC	GINE MODEL	* = not applicable
EMISSION CO	NTROL SYSTEMS		2026 cc: V124E 1916 cc: V117E	
	EM		1807 cc: V111E	25=oxygen sensor
ABBREVIATIONS: HO25=heated O25 TBi=throttle body fu	EM=engine modification EGR=exhaust gas recirculed injection DFI=direct fuel	PWC=three-way catalyst OC=oxidizin lation AIR≖secondary air injection P/ l injection TC/SC≖turbo/super charge	Catalyst Michael MEIsmulti nort fuel injection SF	=i=sequential MFI 2) (suffix)=in series

The above-listed engine is certified to replace the existing engines of Harley-Davidson models that use the engines and evaporative systems listed on the supplemental data sheet for this executive order.

The following are the exhaust hydrocarbon plus oxides of nitrogen (HC+NOx) and carbon monoxide (CO) standards, or designated HC+NOx standard as applicable, and certification levels in grams per kilometer (g/km), and evaporative standard and certification level in grams per test (g/test) for this engine/evaporative family. The designated HC+NOx standard, as applicable, shall be listed on the permanent tune-up label.

				EARLY COMPI	LIANCE CREDIT MUL	TIPLIER	*
	HC+NOx (o/km)		CO	(g/km)	EVAPOR	ATIVE (g/test)
CORPORATE AVERAGE	DESIGNATED STANDARD	(DIRECT) STANDARD	CERTIFICATION LEVEL	STANDARD	CERTIFICATION LEVEL	STANDARD	CERTIFICATION LEVEL
STANDARD	*	1.4	1.0	12	9	2.0	1.0

BE IT FURTHER RESOLVED: That certification to the designated HC+NOx standard listed above, as applicable, is subject to the following terms, limitations and conditions:

The designated HC+NOx standard shall be the exhaust emission limit for this engine family and cannot be changed during the model year. It serves as the HC+NOx exhaust standard applicable to this engine family for determining compliance with Title 13, California Code of Regulations, Sections 1958(b) and 2101.

BE IT FURTHER RESOLVED: That for certification to the above-listed HC+NOx emission standard, or designated standard as applicable, the engine family has been granted an early-compliance credit multiplier listed above for use in the 2008 model-year in accordance with Title 13, California Code of Regulations, Section 1958(g).

BE IT FURTHER RESOLVED: That the Executive Officer has been provided all materials required to demonstrate certification compliance with the Board's emission control system warranty regulations (Title 13, California Code of Regulations, Sections 2035 et seq.).

BE IT FURTHER RESOLVED: That this executive order does not provide an opinion as to the effect that the use of the aforementioned engine family as a replacement engine may have on the original vehicle manufacturer's warranty, either expressed or implied, for the vehicle applications listed on the supplemental data sheet of this executive order.

BE IT FURTHER RESOLVED: That compliance with "California Evaporative Emission Standards and Test Procedures for 2001 And Subsequent Model Motor Vehicles" has been demonstrated for the use of the aforementioned engine family as a replacement engine in the listed vehicle applications.

BE IT FURTHER RESOLVED: That the vehicles listed on the supplemental data sheet of this Executive Order and equipped with engines in this engine family are exempted from compliance with the Air Resources Board's "Specifications for Fill Pipes and Openings of Motor Vehicle Fuel Tanks" pursuant to Executive Order G-70-16-E.

Engines certified under this Executive Order must conform to all applicable California emission regulations.

This Executive Order is only granted to the engine family and model-year listed above. Engines in this family that are produced for any other model-year are not covered by this Executive Order.

Executed at El Monte, California on this

26 day of February 2007.

Annette Hebert, Chief Mobile Source Operations Division

Model Designation / Engine Replacement List

M-044-0015

	RLP	2
169.4 163.7	X	MIS
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BO-EV-9	amily	Eng Family
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B INST		
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		Emis Cont
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-		Eng Family
ELVAN	-	Displacement
FXRS FLHIR FLHIC 1338.6	ame FLTC FXRP	Model Name
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	A	Emis Cont
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	₩.	Eng Family
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290	-	Emis Cont
EM	- OU-CV-1	Eng Code
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-	ent	Displacement
		Model Name
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}	169.4	200
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	Y	Eng Family
EV1340		Displacement
1338.6	# FLT FML	Model Name
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Model Designation / Engine Replacement List

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MY 1996 Model Name Dispiscement Eng Family Model Name
Displacement
Eng Family
Eng Code
Emis Cont
EIM MY 1998
Model Name
Displacement
Eng Family
Eng Code
Emis Cont MY 1999 Model Name Displacement Emis Cont Eng Code MY 1997 Attachment (p. 3 of 3) Eng Family
Eng Code 문 ΕM Emis Cont 20 준말 FLHTC U FLHTC FLHTCU FLHTC FLHR FLHT FLSTC FLSTF FLSTS FLHTCU FLHTC FLHR FLSTC | FLSTF | FLSTS | FXST | FXSTC | FXSTS | FXSTB | FLHTC | FLHTC | FLHR | FLHR | FLHRC | FLHP | FLHTP | FLTCR 80-EV-27 80-EV-27 177.3 8 177.3 8 FLHR FLHT 80-EV-27 177.3 58 Oxidation Catalyst XHDXC01.3CCA F 80-EV-29 FLSTC FLSTF FXDL FLSTN FXDWG FXSTC FLTR | FLSTC | FLSTF | FLSTS | FXDL | FXDWG | FXSTC | FXSTS Oxidation Catalytic Converter Oxidation Catalytic Converter TH01.3P1GOAA VHD1.3P1GAAA Model Designation / Engine Replacement List Oxidation Catalyst WHDXC01.3CCA FXDL FXDWG FXSTC 133B 1338 80-EV-29 BO-EV-29 163.7 163.7 4 Sequential Multiport Fuel Injection 560 80-EV-29 FXSTS FXD FXDS C FXSTSB FLHTC U FLHTC | FLHR I 163.7 ŧ FXSTS XHDXC01.3AEA 163.7 80-FI-3 FXD FXDS C FXSTSB FLHTC U FLHTC I FLHR I FXD FXDS C FXSTSB FLHTC U FLHTC | FLHR | FLTR | FLHRC | FLHP | FLHTP | FLTCR Sequential Multiport Fuel Inject Sequential Multiport Fuel Inject THD1.3P8GARA 80-FI-2 VHD1.3P8GARA 80-F1-3 177.3 177.3 580 8 177.3 Sequential Multiport Fuel Injection WHDXC01.3AEA 2100-hto-W 80 FT.3 1773

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